

### Abstract

A ceramic green sheet is irradiated with laser beam of high-peak short-pulse type to form a hole in the sheet. In the laser beam, the minimum oscillation output more than 60% of the maximum oscillation output. This prevents material of the ceramic green sheet from melting partially and remaining around the hole. Therefore, a multi-layer assembly of the ceramic green sheets built by joining the sheets in layers and baking the joined sheets hardly has a structural defect around a via-electrode provided in the hole.